

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-740-U-MR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

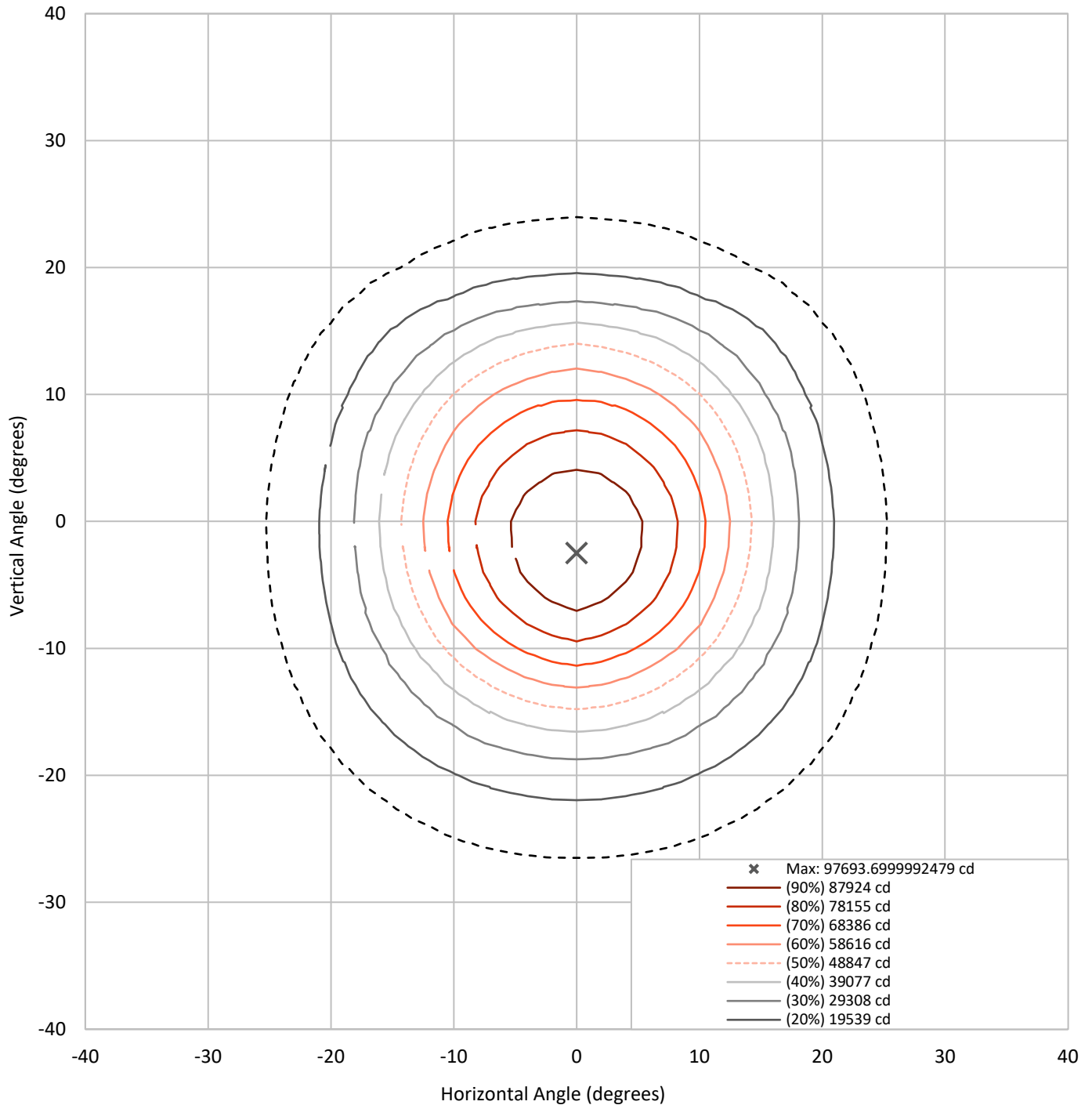
Lumens per Lamp: N/A
Luminaire Lumens: 27708.1 lumens
Efficiency: N/A
Efficacy: 145.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
NEMA Type: 4H x 4V
Max Intensity: 97693.7 candela
Max Intensity Angle: 0°H x -2.5°V
Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 13854.3 lumens
Beam Efficiency: 50.0%
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 23806.4 lumens
Field Efficiency: 85.9%

Input Watts (W): 190.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)

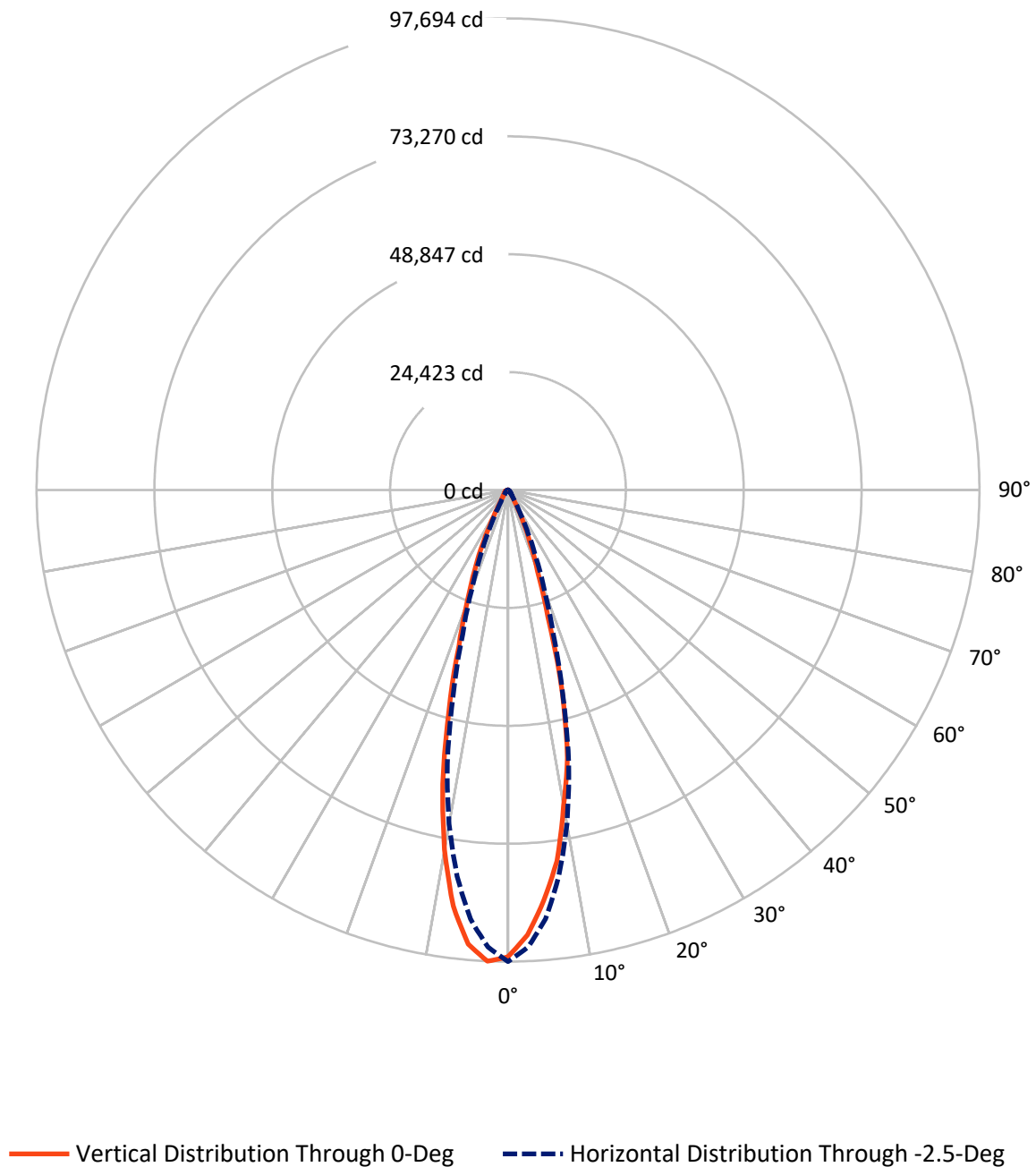
CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70																			
60	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.2	0.8	1.9	3.2	4.4	5.2	5.2	4.4	3.2	1.9	0.8	0.2	0.0				
40	0.1	0.1	0.9	3.0	5.8	9.0	12.6	14.8	14.8	12.6	9.0	5.8	3.0	0.9	0.1	0.1			
30		0.4	2.3	5.9	10.9	17.9	29.9	39.9	39.9	29.9	17.9	10.9	5.9	2.3	0.4				
20	0.2	0.9	3.7	9.0	17.2	41.9	131.5	241.2	241.2	131.5	41.9	17.2	9.0	3.7	0.9	0.2			
10		1.4	5.2	12.3	29.5	144.3	586.8	1148.9	1148.9	586.8	144.3	29.5	12.3	5.2	1.4				
0	0.4	1.8	6.3	14.7	42.3	275.1	1184.8	2322.3	2322.3	1184.8	275.1	42.3	14.7	6.3	1.8	0.4			
-10		2.0	6.8	15.5	45.2	288.1	1215.7	2462.5	2462.5	1215.7	288.1	45.2	15.5	6.8	2.0				
-20	0.5	2.1	6.9	15.1	37.2	177.0	672.3	1303.2	1303.2	672.3	177.0	37.2	15.1	6.9	2.1	0.5			
-30		2.1	6.6	13.8	27.2	68.7	208.2	371.5	371.5	208.2	68.7	27.2	13.8	6.6	2.1				
-40	0.5	1.8	5.9	12.0	20.7	33.9	55.4	74.1	74.1	55.4	33.9	20.7	12.0	5.9	1.8	0.5			
-50		1.5	4.9	9.9	16.3	23.4	30.8	34.5	34.5	30.8	23.4	16.3	9.9	4.9	1.5				
-60	0.3	1.1	3.7	7.7	12.8	17.8	22.2	24.1	24.1	22.2	17.8	12.8	7.7	3.7	1.1	0.3			
-70		0.7	2.3	5.1	8.5	12.1	15.1	16.8	16.8	15.1	12.1	8.5	5.1	2.3	0.7				
-80	0.1	1.8		8.2		17.7		22.3		17.7		8.2		1.8		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

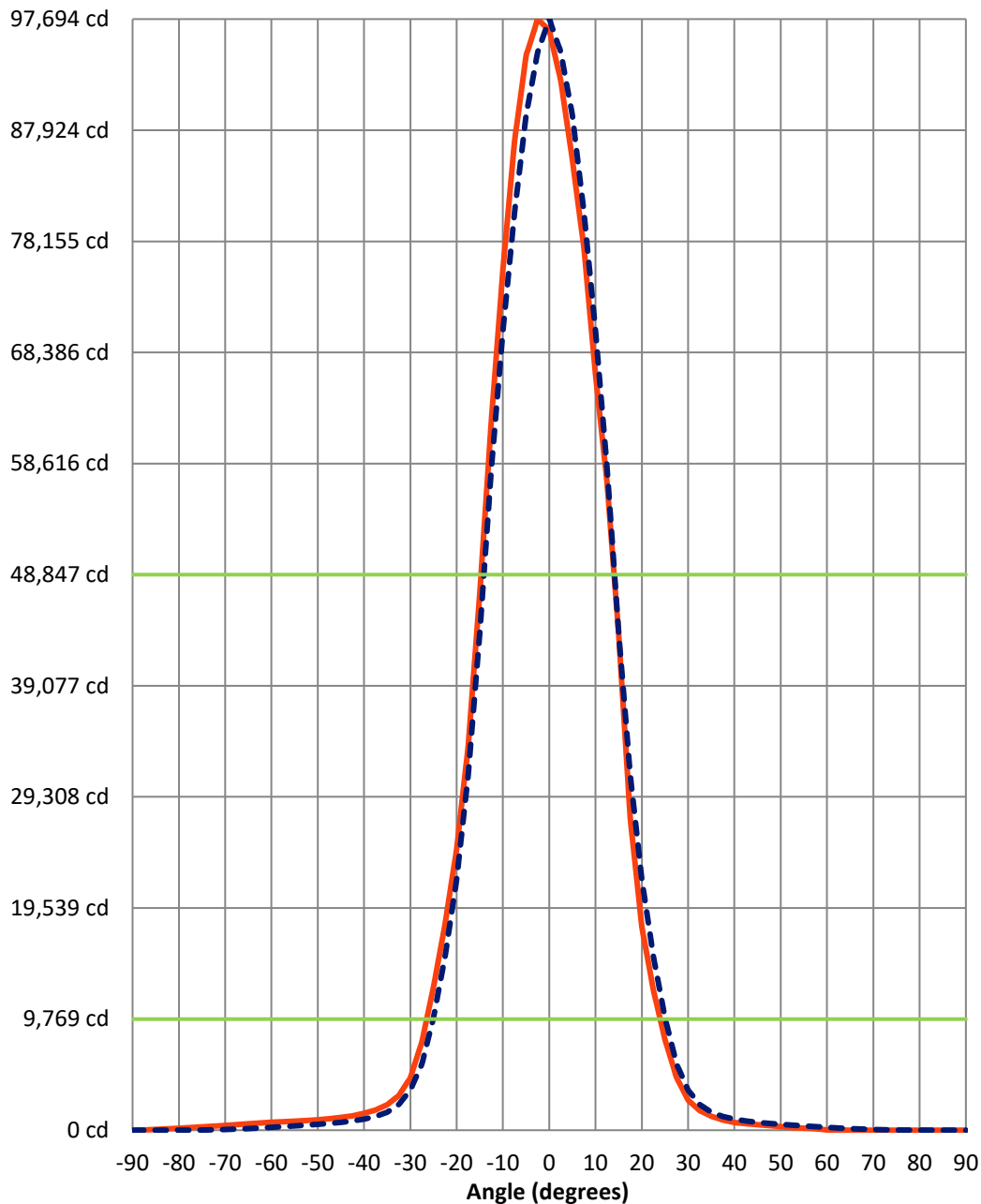
REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 13854.3
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 23806.4
 Efficiency: 85.9%

Spill:
 Lumens: 3901.7
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -2.5-Deg

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	1	2
57.5°	0	0	0	0	0	0	0	0	1	3	2
55°	0	0	0	0	0	0	1	0	3	4	3
52.5°	0	0	0	0	0	0	1	2	4	4	3
50°	0	0	0	0	0	1	2	3	6	5	4
47.5°	0	0	0	0	0	1	2	5	6	5	5
45°	0	0	0	0	0	2	3	6	6	6	6
42.5°	0	0	0	0	0	3	4	6	6	6	10
40°	0	0	0	0	0	3	5	6	6	6	15
37.5°	0	0	0	0	1	4	6	6	8	9	20
35°	0	0	0	0	2	5	6	6	9	15	27
32.5°	0	0	0	0	2	5	6	6	11	21	33
30°	0	0	0	0	3	6	6	7	14	26	41
27.5°	0	0	0	0	3	6	6	9	17	31	49
25°	0	0	0	0	4	6	6	11	22	37	58
22.5°	0	0	0	0	4	6	6	13	26	44	69
20°	0	0	0	0	5	6	6	15	30	51	79
17.5°	0	0	0	0	5	6	7	18	34	58	89
15°	0	0	0	0	5	6	7	21	37	65	97
12.5°	0	0	0	0	6	6	8	24	41	71	105
10°	0	0	0	0	6	6	9	27	44	78	112
7.5°	0	0	0	0	6	6	10	30	47	84	119
5°	0	0	0	0	6	6	11	32	50	89	125
2.5°	0	0	0	0	6	6	11	35	53	94	131
0°	0	0	0	0	6	6	12	37	55	98	135
-2.5°	0	0	0	0	6	7	15	38	61	102	139
-5°	0	0	0	1	6	8	17	38	66	105	142
-7.5°	0	0	0	1	6	8	19	39	70	107	145
-10°	0	0	0	2	6	9	21	39	73	109	146
-12.5°	0	0	0	2	6	9	22	39	75	111	150
-15°	0	0	0	2	6	10	24	39	75	112	153
-17.5°	0	0	0	2	6	10	24	41	75	113	154
-20°	0	0	0	3	6	10	25	43	74	112	154

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	3	6	10	25	44	72	111	152
-25°	0	0	0	3	6	10	26	45	70	109	148
-27.5°	0	0	0	3	6	11	26	46	68	105	144
-30°	0	0	0	3	6	12	25	46	67	102	140
-32.5°	0	0	0	3	7	12	25	46	67	98	134
-35°	0	0	0	2	7	12	25	45	66	94	127
-37.5°	0	0	0	2	8	13	25	44	65	90	124
-40°	0	0	0	2	8	13	25	42	63	87	121
-42.5°	0	0	0	1	8	13	24	41	60	85	116
-45°	0	0	0	1	8	14	23	39	58	81	111
-47.5°	0	0	0	1	7	13	22	37	56	76	105
-50°	0	0	0	1	7	13	21	35	53	72	98
-52.5°	0	0	0	1	6	12	20	32	49	68	90
-55°	0	0	0	1	6	12	19	29	45	62	83
-57.5°	0	0	0	1	5	11	18	27	41	57	76
-60°	0	0	0	1	5	10	16	25	36	51	68
-62.5°	0	0	0	1	4	9	15	22	33	45	61
-65°	0	0	0	1	4	8	14	20	29	40	53
-67.5°	0	0	0	1	4	8	13	18	25	35	46
-70°	0	0	0	1	4	7	11	16	22	30	40
-72.5°	0	0	0	1	3	6	10	14	19	25	34
-75°	0	0	0	1	3	6	9	12	15	20	27
-77.5°	0	0	0	1	3	5	8	10	12	16	20
-80°	0	0	0	1	2	4	6	8	9	12	14
-82.5°	0	0	0	1	2	3	5	6	6	8	9
-85°	0	0	0	0	1	2	3	4	4	5	5
-87.5°	0	0	0	0	1	1	2	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	1	1	1	2
60°	0	0	1	2	1	3	4	5	6	6	13
57.5°	1	1	3	3	4	7	10	12	19	28	34
55°	2	4	5	5	9	15	20	31	41	54	65
52.5°	4	6	6	10	18	27	39	54	70	82	93
50°	6	7	8	20	31	45	64	84	98	110	127
47.5°	8	9	19	32	47	68	93	110	124	146	171
45°	12	18	30	47	68	97	119	135	159	185	211
42.5°	16	28	44	61	95	122	143	167	192	222	250
40°	24	37	59	87	120	147	173	199	226	260	291
37.5°	32	51	76	110	144	174	204	234	267	303	338
35°	39	65	96	131	167	203	236	270	311	350	390
32.5°	49	80	114	152	190	230	266	311	353	396	445
30°	63	95	131	172	212	254	301	350	393	441	494
27.5°	77	109	148	191	232	278	335	384	430	482	540
25°	90	124	165	208	254	306	367	417	466	524	592
22.5°	102	139	184	224	274	335	397	453	509	566	645
20°	114	155	202	245	294	362	427	490	554	626	715
17.5°	126	170	219	267	322	389	457	528	599	687	798
15°	137	184	235	288	347	415	487	565	648	751	877
12.5°	147	196	252	307	369	439	514	594	691	814	971
10°	157	208	267	325	388	461	537	621	724	857	1041
7.5°	165	218	282	341	405	480	557	643	753	894	1097
5°	173	229	292	352	418	494	573	663	775	922	1142
2.5°	179	238	301	362	429	504	583	675	790	949	1177
0°	184	246	308	369	437	511	590	683	800	972	1199
-2.5°	190	254	315	377	445	517	597	690	810	978	1205
-5°	195	260	320	383	451	521	601	693	815	979	1208
-7.5°	198	265	324	387	456	525	604	696	818	978	1207
-10°	200	268	327	390	459	528	604	695	814	967	1187
-12.5°	204	269	329	392	461	529	602	689	802	949	1149
-15°	206	269	329	391	460	528	597	679	785	925	1099
-17.5°	208	268	327	388	456	525	590	668	767	898	1064
-20°	207	267	324	382	451	519	584	660	752	868	1017

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	206	264	320	376	442	509	576	647	732	830	963
-25°	203	261	316	371	433	497	564	629	711	804	918
-27.5°	198	256	310	365	423	484	548	613	687	773	871
-30°	190	249	303	357	413	471	530	595	661	741	831
-32.5°	181	240	293	346	402	458	511	573	638	706	787
-35°	173	229	282	333	389	443	494	549	612	676	744
-37.5°	168	218	270	319	372	426	474	525	581	644	706
-40°	161	206	258	306	353	406	455	500	551	612	671
-42.5°	154	198	244	292	337	385	434	478	526	582	638
-45°	147	188	231	277	322	365	411	457	504	553	606
-47.5°	139	178	220	260	305	348	388	433	480	527	573
-50°	130	168	205	243	285	329	370	408	451	498	543
-52.5°	120	155	190	225	264	305	347	387	424	464	508
-55°	108	141	174	207	241	279	320	360	399	435	473
-57.5°	98	125	157	189	220	252	291	329	367	404	441
-60°	88	111	138	169	200	230	262	298	334	368	403
-62.5°	77	98	121	147	176	206	236	267	300	329	359
-65°	68	85	105	127	151	178	206	236	265	289	313
-67.5°	58	73	89	107	129	150	173	199	225	248	269
-70°	50	61	74	89	106	124	144	165	185	205	226
-72.5°	42	51	61	71	86	102	118	134	151	169	186
-75°	34	42	49	58	69	81	95	110	123	137	151
-77.5°	26	33	39	46	53	63	74	85	97	108	120
-80°	19	24	30	36	41	47	54	61	70	78	88
-82.5°	13	17	21	25	29	32	36	40	46	53	59
-85°	7	9	12	15	17	18	20	22	26	30	34
-87.5°	4	5	6	7	7	8	8	9	10	12	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	1	2	1	1	0	0
62.5°	2	3	5	6	7	7	8	8	8	8	8
60°	16	15	23	28	27	21	30	35	33	29	28
57.5°	43	54	62	65	73	86	90	88	89	93	105
55°	75	84	90	102	115	127	136	142	150	157	167
52.5°	103	117	127	140	156	166	171	188	203	215	222
50°	146	161	177	194	210	225	237	255	275	296	309
47.5°	192	211	232	257	275	289	305	328	356	381	396
45°	235	257	283	307	327	347	371	399	427	453	472
42.5°	273	298	325	353	371	401	435	464	499	531	555
40°	317	341	382	410	434	466	515	559	600	639	664
37.5°	370	411	454	489	521	562	629	696	748	801	838
35°	433	482	536	574	623	698	782	874	966	1039	1105
32.5°	493	548	602	663	737	844	950	1097	1232	1371	1502
30°	548	608	675	752	873	1022	1194	1418	1662	1904	2181
27.5°	605	672	751	874	1057	1260	1577	1930	2434	2839	3492
25°	667	742	850	1046	1299	1656	2210	2840	3882	4772	5775
22.5°	742	858	1011	1257	1679	2321	3183	4556	6155	7641	9058
20°	834	992	1253	1645	2250	3239	4872	6954	9179	11352	13455
17.5°	957	1206	1580	2138	2995	5074	7504	10480	14288	17149	19862
15°	1068	1384	1950	2852	4466	7142	10538	15094	20222	24533	29410
12.5°	1200	1582	2263	3433	5741	9278	13607	19041	25109	31653	39292
10°	1315	1784	2662	4272	7071	11187	16039	22417	30211	39471	49126
7.5°	1404	1954	2994	4900	8192	12753	18541	26298	36170	46992	58003
5°	1473	2084	3255	5393	9145	14025	20367	29369	40621	53043	63992
2.5°	1527	2176	3428	5696	9789	14893	21616	31001	43345	56994	68490
0°	1569	2233	3525	5911	10088	15304	22194	31660	44621	58929	70751
-2.5°	1583	2262	3529	5837	9906	15279	22059	31256	43740	58160	70271
-5°	1588	2247	3440	5682	9583	14731	21175	29721	41051	54577	66851
-7.5°	1577	2187	3260	5301	8859	13764	19942	27443	36730	48656	61341
-10°	1534	2082	3015	4784	7861	12254	18022	24359	31778	41514	51794
-12.5°	1457	1926	2678	4011	6686	10545	15653	21255	27037	33435	41891
-15°	1365	1765	2403	3542	5598	8750	12886	17618	22417	27316	32474
-17.5°	1296	1625	2121	2916	4298	6847	10154	13957	17850	21741	25214
-20°	1207	1458	1846	2464	3468	4976	7464	10422	13331	16504	19166

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1128	1342	1631	2021	2696	3758	5176	7259	9469	11773	13959
-25°	1053	1215	1445	1757	2161	2792	3729	4818	6369	7787	9410
-27.5°	990	1126	1282	1513	1819	2165	2740	3375	4189	4864	5948
-30°	930	1038	1167	1315	1539	1803	2111	2497	2895	3294	3813
-32.5°	873	963	1064	1185	1323	1521	1713	1960	2177	2417	2665
-35°	817	898	981	1076	1183	1313	1457	1620	1765	1910	2040
-37.5°	769	837	909	984	1070	1160	1273	1389	1486	1580	1661
-40°	729	785	845	908	976	1049	1137	1222	1288	1349	1400
-42.5°	692	741	788	842	899	966	1034	1099	1144	1186	1220
-45°	657	700	743	786	833	891	950	1001	1036	1068	1093
-47.5°	619	658	697	737	782	828	875	913	945	972	990
-50°	582	621	656	689	729	771	811	843	871	895	908
-52.5°	547	583	619	653	685	718	750	781	808	833	842
-55°	512	548	580	611	643	674	703	729	754	778	785
-57.5°	477	514	548	574	601	628	656	682	706	728	735
-60°	439	475	505	530	556	582	606	630	654	674	684
-62.5°	392	426	453	477	501	523	545	567	588	605	615
-65°	338	366	393	417	438	458	479	498	516	530	538
-67.5°	290	311	333	355	377	397	415	432	448	460	467
-70°	245	264	283	303	322	340	356	371	386	396	404
-72.5°	203	220	238	255	273	288	301	315	327	336	343
-75°	165	179	194	209	224	236	248	258	269	277	283
-77.5°	131	142	153	164	175	185	194	203	211	217	223
-80°	97	106	114	123	131	138	144	151	158	164	169
-82.5°	66	72	79	85	92	96	100	103	106	110	115
-85°	38	42	46	50	54	57	60	62	65	67	69
-87.5°	15	17	19	20	22	23	23	23	24	26	27
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	1	1
62.5°	7	6	6	6	6	6	7	8	8	8	8
60°	27	25	24	25	24	25	27	28	29	33	35
57.5°	115	123	128	129	128	123	115	105	93	89	88
55°	174	180	181	178	181	180	174	167	157	150	142
52.5°	225	226	225	221	225	226	225	222	215	203	188
50°	313	312	312	314	312	312	313	309	296	275	255
47.5°	402	407	408	406	408	407	402	396	381	356	328
45°	481	486	489	486	489	486	481	472	453	427	399
42.5°	565	569	570	572	570	569	565	555	531	499	464
40°	675	679	679	677	679	679	675	664	639	600	559
37.5°	863	876	882	898	882	876	863	838	801	748	696
35°	1155	1187	1204	1230	1204	1187	1155	1105	1039	966	874
32.5°	1596	1660	1694	1729	1694	1660	1596	1502	1371	1232	1097
30°	2372	2499	2551	2645	2551	2499	2372	2181	1904	1662	1418
27.5°	3971	4272	4391	4638	4391	4272	3971	3492	2839	2434	1930
25°	6689	7338	7695	7978	7695	7338	6689	5775	4772	3882	2840
22.5°	10487	11438	11946	12321	11946	11438	10487	9058	7641	6155	4556
20°	15360	16615	17363	17906	17363	16615	15360	13455	11352	9179	6954
17.5°	23344	25316	26469	27459	26469	25316	23344	19862	17149	14288	10480
15°	34851	38812	41891	43606	41891	38812	34851	29410	24533	20222	15094
12.5°	46045	51847	55295	56880	55295	51847	46045	39292	31653	25109	19041
10°	57115	62586	65866	66446	65866	62586	57115	49126	39471	30211	22417
7.5°	65590	71607	75965	77548	75965	71607	65590	58003	46992	36170	26298
5°	73075	80121	84733	85317	84733	80121	73075	63992	53043	40621	29369
2.5°	78582	86241	90713	92250	90713	86241	78582	68490	56994	43345	31001
0°	81245	89494	94470	96710	94470	89494	81245	70751	58929	44621	31660
-2.5°	80685	89217	94771	97694	94771	89217	80685	70271	58160	43740	31256
-5°	77617	86174	91353	94458	91353	86174	77617	66851	54577	41051	29721
-7.5°	70542	78544	84058	86923	84058	78544	70542	61341	48656	36730	27443
-10°	61426	68199	73224	75666	73224	68199	61426	51794	41514	31778	24359
-12.5°	49581	56149	60683	62410	60683	56149	49581	41891	33435	27037	21255
-15°	37988	43001	46222	47241	46222	43001	37988	32474	27316	22417	17618
-17.5°	28808	31507	33319	33807	33319	31507	28808	25214	21741	17850	13957
-20°	21583	23255	24431	24709	24431	23255	21583	19166	16504	13331	10422

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15726	16983	17932	18122	17932	16983	15726	13959	11773	9469	7259
-25°	10847	11899	12543	12592	12543	11899	10847	9410	7787	6369	4818
-27.5°	6801	7378	7676	7781	7676	7378	6801	5948	4864	4189	3375
-30°	4202	4469	4609	4613	4609	4469	4202	3813	3294	2895	2497
-32.5°	2853	2981	3051	3051	3051	2981	2853	2665	2417	2177	1960
-35°	2137	2204	2241	2245	2241	2204	2137	2040	1910	1765	1620
-37.5°	1718	1755	1774	1778	1774	1755	1718	1661	1580	1486	1389
-40°	1437	1462	1478	1489	1478	1462	1437	1400	1349	1288	1222
-42.5°	1243	1259	1267	1261	1267	1259	1243	1220	1186	1144	1099
-45°	1107	1117	1123	1126	1123	1117	1107	1093	1068	1036	1001
-47.5°	999	1004	1007	1009	1007	1004	999	990	972	945	913
-50°	914	918	919	917	919	918	914	908	895	871	843
-52.5°	846	847	848	849	848	847	846	842	833	808	781
-55°	789	791	793	794	793	791	789	785	778	754	729
-57.5°	742	747	747	744	747	747	742	735	728	706	682
-60°	691	697	700	701	700	697	691	684	674	654	630
-62.5°	623	630	633	634	633	630	623	615	605	588	567
-65°	545	550	558	566	558	550	545	538	530	516	498
-67.5°	473	477	485	492	485	477	473	467	460	448	432
-70°	410	416	418	418	418	416	410	404	396	386	371
-72.5°	349	355	356	357	356	355	349	343	336	327	315
-75°	289	294	295	295	295	294	289	283	277	269	258
-77.5°	228	232	233	234	233	232	228	223	217	211	203
-80°	173	177	175	172	175	177	173	169	164	158	151
-82.5°	119	122	120	117	120	122	119	115	110	106	103
-85°	72	73	71	68	71	73	72	69	67	65	62
-87.5°	29	31	28	25	28	31	29	27	26	24	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	2	1	0	0	0	0	0	0	0	0	0
62.5°	8	7	7	6	5	3	2	2	1	1	1
60°	30	21	27	28	23	15	16	13	6	6	5
57.5°	90	86	73	65	62	54	43	34	28	19	12
55°	136	127	115	102	90	84	75	65	54	41	31
52.5°	171	166	156	140	127	117	103	93	82	70	54
50°	237	225	210	194	177	161	146	127	110	98	84
47.5°	305	289	275	257	232	211	192	171	146	124	110
45°	371	347	327	307	283	257	235	211	185	159	135
42.5°	435	401	371	353	325	298	273	250	222	192	167
40°	515	466	434	410	382	341	317	291	260	226	199
37.5°	629	562	521	489	454	411	370	338	303	267	234
35°	782	698	623	574	536	482	433	390	350	311	270
32.5°	950	844	737	663	602	548	493	445	396	353	311
30°	1194	1022	873	752	675	608	548	494	441	393	350
27.5°	1577	1260	1057	874	751	672	605	540	482	430	384
25°	2210	1656	1299	1046	850	742	667	592	524	466	417
22.5°	3183	2321	1679	1257	1011	858	742	645	566	509	453
20°	4872	3239	2250	1645	1253	992	834	715	626	554	490
17.5°	7504	5074	2995	2138	1580	1206	957	798	687	599	528
15°	10538	7142	4466	2852	1950	1384	1068	877	751	648	565
12.5°	13607	9278	5741	3433	2263	1582	1200	971	814	691	594
10°	16039	11187	7071	4272	2662	1784	1315	1041	857	724	621
7.5°	18541	12753	8192	4900	2994	1954	1404	1097	894	753	643
5°	20367	14025	9145	5393	3255	2084	1473	1142	922	775	663
2.5°	21616	14893	9789	5696	3428	2176	1527	1177	949	790	675
0°	22194	15304	10088	5911	3525	2233	1569	1199	972	800	683
-2.5°	22059	15279	9906	5837	3529	2262	1583	1205	978	810	690
-5°	21175	14731	9583	5682	3440	2247	1588	1208	979	815	693
-7.5°	19942	13764	8859	5301	3260	2187	1577	1207	978	818	696
-10°	18022	12254	7861	4784	3015	2082	1534	1187	967	814	695
-12.5°	15653	10545	6686	4011	2678	1926	1457	1149	949	802	689
-15°	12886	8750	5598	3542	2403	1765	1365	1099	925	785	679
-17.5°	10154	6847	4298	2916	2121	1625	1296	1064	898	767	668
-20°	7464	4976	3468	2464	1846	1458	1207	1017	868	752	660

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5176	3758	2696	2021	1631	1342	1128	963	830	732	647
-25°	3729	2792	2161	1757	1445	1215	1053	918	804	711	629
-27.5°	2740	2165	1819	1513	1282	1126	990	871	773	687	613
-30°	2111	1803	1539	1315	1167	1038	930	831	741	661	595
-32.5°	1713	1521	1323	1185	1064	963	873	787	706	638	573
-35°	1457	1313	1183	1076	981	898	817	744	676	612	549
-37.5°	1273	1160	1070	984	909	837	769	706	644	581	525
-40°	1137	1049	976	908	845	785	729	671	612	551	500
-42.5°	1034	966	899	842	788	741	692	638	582	526	478
-45°	950	891	833	786	743	700	657	606	553	504	457
-47.5°	875	828	782	737	697	658	619	573	527	480	433
-50°	811	771	729	689	656	621	582	543	498	451	408
-52.5°	750	718	685	653	619	583	547	508	464	424	387
-55°	703	674	643	611	580	548	512	473	435	399	360
-57.5°	656	628	601	574	548	514	477	441	404	367	329
-60°	606	582	556	530	505	475	439	403	368	334	298
-62.5°	545	523	501	477	453	426	392	359	329	300	267
-65°	479	458	438	417	393	366	338	313	289	265	236
-67.5°	415	397	377	355	333	311	290	269	248	225	199
-70°	356	340	322	303	283	264	245	226	205	185	165
-72.5°	301	288	273	255	238	220	203	186	169	151	134
-75°	248	236	224	209	194	179	165	151	137	123	110
-77.5°	194	185	175	164	153	142	131	120	108	97	85
-80°	144	138	131	123	114	106	97	88	78	70	61
-82.5°	100	96	92	85	79	72	66	59	53	46	40
-85°	60	57	54	50	46	42	38	34	30	26	22
-87.5°	23	23	22	20	19	17	15	13	12	10	9
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	4	3	1	2	1	0	0	2	1	0	0
57.5°	10	7	4	3	3	1	1	2	3	1	0
55°	20	15	9	5	5	4	2	3	4	3	0
52.5°	39	27	18	10	6	6	4	3	4	4	2
50°	64	45	31	20	8	7	6	4	5	6	3
47.5°	93	68	47	32	19	9	8	5	5	6	5
45°	119	97	68	47	30	18	12	6	6	6	6
42.5°	143	122	95	61	44	28	16	10	6	6	6
40°	173	147	120	87	59	37	24	15	6	6	6
37.5°	204	174	144	110	76	51	32	20	9	8	6
35°	236	203	167	131	96	65	39	27	15	9	6
32.5°	266	230	190	152	114	80	49	33	21	11	6
30°	301	254	212	172	131	95	63	41	26	14	7
27.5°	335	278	232	191	148	109	77	49	31	17	9
25°	367	306	254	208	165	124	90	58	37	22	11
22.5°	397	335	274	224	184	139	102	69	44	26	13
20°	427	362	294	245	202	155	114	79	51	30	15
17.5°	457	389	322	267	219	170	126	89	58	34	18
15°	487	415	347	288	235	184	137	97	65	37	21
12.5°	514	439	369	307	252	196	147	105	71	41	24
10°	537	461	388	325	267	208	157	112	78	44	27
7.5°	557	480	405	341	282	218	165	119	84	47	30
5°	573	494	418	352	292	229	173	125	89	50	32
2.5°	583	504	429	362	301	238	179	131	94	53	35
0°	590	511	437	369	308	246	184	135	98	55	37
-2.5°	597	517	445	377	315	254	190	139	102	61	38
-5°	601	521	451	383	320	260	195	142	105	66	38
-7.5°	604	525	456	387	324	265	198	145	107	70	39
-10°	604	528	459	390	327	268	200	146	109	73	39
-12.5°	602	529	461	392	329	269	204	150	111	75	39
-15°	597	528	460	391	329	269	206	153	112	75	39
-17.5°	590	525	456	388	327	268	208	154	113	75	41
-20°	584	519	451	382	324	267	207	154	112	74	43

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	576	509	442	376	320	264	206	152	111	72	44
-25°	564	497	433	371	316	261	203	148	109	70	45
-27.5°	548	484	423	365	310	256	198	144	105	68	46
-30°	530	471	413	357	303	249	190	140	102	67	46
-32.5°	511	458	402	346	293	240	181	134	98	67	46
-35°	494	443	389	333	282	229	173	127	94	66	45
-37.5°	474	426	372	319	270	218	168	124	90	65	44
-40°	455	406	353	306	258	206	161	121	87	63	42
-42.5°	434	385	337	292	244	198	154	116	85	60	41
-45°	411	365	322	277	231	188	147	111	81	58	39
-47.5°	388	348	305	260	220	178	139	105	76	56	37
-50°	370	329	285	243	205	168	130	98	72	53	35
-52.5°	347	305	264	225	190	155	120	90	68	49	32
-55°	320	279	241	207	174	141	108	83	62	45	29
-57.5°	291	252	220	189	157	125	98	76	57	41	27
-60°	262	230	200	169	138	111	88	68	51	36	25
-62.5°	236	206	176	147	121	98	77	61	45	33	22
-65°	206	178	151	127	105	85	68	53	40	29	20
-67.5°	173	150	129	107	89	73	58	46	35	25	18
-70°	144	124	106	89	74	61	50	40	30	22	16
-72.5°	118	102	86	71	61	51	42	34	25	19	14
-75°	95	81	69	58	49	42	34	27	20	15	12
-77.5°	74	63	53	46	39	33	26	20	16	12	10
-80°	54	47	41	36	30	24	19	14	12	9	8
-82.5°	36	32	29	25	21	17	13	9	8	6	6
-85°	20	18	17	15	12	9	7	5	5	4	4
-87.5°	8	8	7	7	6	5	4	3	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	3	2	0	0	0	0	0
42.5°	4	3	0	0	0	0	0
40°	5	3	0	0	0	0	0
37.5°	6	4	1	0	0	0	0
35°	6	5	2	0	0	0	0
32.5°	6	5	2	0	0	0	0
30°	6	6	3	0	0	0	0
27.5°	6	6	3	0	0	0	0
25°	6	6	4	0	0	0	0
22.5°	6	6	4	0	0	0	0
20°	6	6	5	0	0	0	0
17.5°	7	6	5	0	0	0	0
15°	7	6	5	0	0	0	0
12.5°	8	6	6	0	0	0	0
10°	9	6	6	0	0	0	0
7.5°	10	6	6	0	0	0	0
5°	11	6	6	0	0	0	0
2.5°	11	6	6	0	0	0	0
0°	12	6	6	0	0	0	0
-2.5°	15	7	6	0	0	0	0
-5°	17	8	6	1	0	0	0
-7.5°	19	8	6	1	0	0	0
-10°	21	9	6	2	0	0	0
-12.5°	22	9	6	2	0	0	0
-15°	24	10	6	2	0	0	0
-17.5°	24	10	6	2	0	0	0
-20°	25	10	6	3	0	0	0

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25	10	6	3	0	0	0
-25°	26	10	6	3	0	0	0
-27.5°	26	11	6	3	0	0	0
-30°	25	12	6	3	0	0	0
-32.5°	25	12	7	3	0	0	0
-35°	25	12	7	2	0	0	0
-37.5°	25	13	8	2	0	0	0
-40°	25	13	8	2	0	0	0
-42.5°	24	13	8	1	0	0	0
-45°	23	14	8	1	0	0	0
-47.5°	22	13	7	1	0	0	0
-50°	21	13	7	1	0	0	0
-52.5°	20	12	6	1	0	0	0
-55°	19	12	6	1	0	0	0
-57.5°	18	11	5	1	0	0	0
-60°	16	10	5	1	0	0	0
-62.5°	15	9	4	1	0	0	0
-65°	14	8	4	1	0	0	0
-67.5°	13	8	4	1	0	0	0
-70°	11	7	4	1	0	0	0
-72.5°	10	6	3	1	0	0	0
-75°	9	6	3	1	0	0	0
-77.5°	8	5	3	1	0	0	0
-80°	6	4	2	1	0	0	0
-82.5°	5	3	2	1	0	0	0
-85°	3	2	1	0	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)